

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert (Robby) Shiao Examiner #: 79521 Date: 4/24/07
 Art Unit: 1626 Phone Number: 2-0707 Serial Number: 10/516,320
 Mail Box and Bldg/Room Location: REM Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

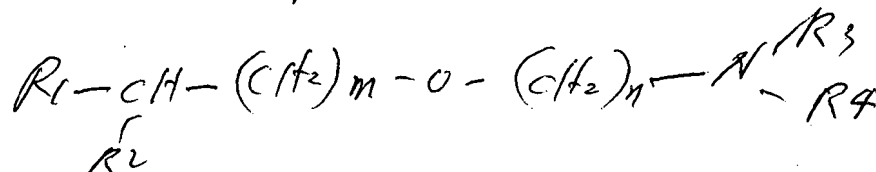
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Medronal composition
 Inventors (please provide full names): Nakada et al

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I sub a composition comprising cpd (2) and cpd B₁ or, (see claim, 6)



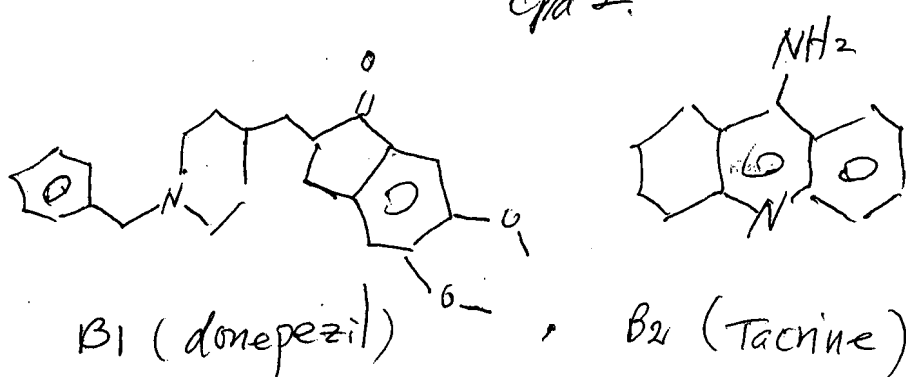
* m = 1 or 5

* n is 1 or 6

* R₁, R₄ is

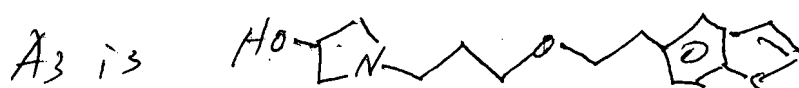
sub; R₁ is hetero

* R₃/R₄ form a heterocycle



RN: 120014-06-4

I sub composition comprising cpd A₃ and B₁, or A₃ and B₂



II sub process of making of composition of gp I

(see claim 4)

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: _____

NA Sequence (#) _____

STN _____

Searcher Phone #: _____

AA Sequence (#) _____

Dialog _____

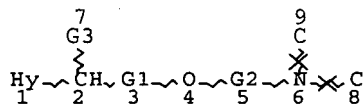
Searcher Location: _____

Structure (#) _____

Questel/Orbit _____

=> d que 1120

L1 SCR 1707
 L2 SCR 1607 OR 1609
 L3 SCR 1297
 L4 SCR 1842 OR 2040 OR 1918
 L5 STR



REP G1=(1-5) CH2

REP G2=(1-6) CH2

VAR G3=H/OH

NODE ATTRIBUTES:

NSPEC IS RC AT 6

NSPEC IS RC AT 8

NSPEC IS RC AT 9

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

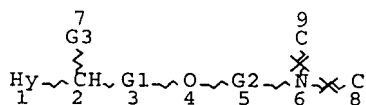
L6	1489	SEA	FILE=REGISTRY	SSS	FUL	L5 AND	L1 AND L2 AND L3 NOT L4
L7	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	DONEPEZIL/CN	
L8	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	TACRINE/CN	
L9	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	519187-23-6/RN	
L10	8	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	519187-23-6/CRN	
L15	35	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	120014-06-4/CRN	
L17	637	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L6	
L18	1181	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L7 OR L15 OR DONEPEZIL	
L19	1755	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L8 OR TACRINE	
L20	7	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L9 OR L10	
L21	6	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L17 AND (L18 OR L19)	
L22	1	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L20 AND (L18 OR L19)	
L23	753	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	DONEPEZIL+PFT,NT,OLD,NEW/C	
		T					
L24	1373	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	TACRINE+PFT,NT,NEW,OLD/CT	
L25	1	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L17 AND (L23 OR L24)	
L26	1	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L20 AND (L23 OR L24)	
L27	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	RIVASTIGMINE/CN	
L28	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	GALANTHAMINE/CN	
L29	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	HUPERZINE/CN	
L30	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	IPIDACRINE/CN	
L31	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	ZANAPEZIL/CN	
L32	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	PHENSERINE/CN	
L33	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	QUILOSTIGMINE/CN	
L34	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	GANSTIGMINE/CN	
L35	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	ENSACULIN/CN	
L36	1	SEA	FILE=REGISTRY	ABB=ON	PLU=ON	"ACETYLCHOLINE ESTERASE"/	
		CN					
L37	421	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	L27 AND RIVASTIGMINE	
L38	450	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON	RIVASTIGMINE+PFT,NT,OLD,NE	

W/CT

L39 450 SEA FILE=HCAPLUS ABB=ON PLU=ON L37 OR L38
 L40 0 SEA FILE=HCAPLUS ABB=ON PLU=ON GALANTHAMINE+PFT,NT,NEW,OL
 D/CT
 L41 1401 SEA FILE=HCAPLUS ABB=ON PLU=ON L28 OR GALANTHAMINE
 L42 575 SEA FILE=HCAPLUS ABB=ON PLU=ON L29 OR HUPERZINE
 L43 57 SEA FILE=HCAPLUS ABB=ON PLU=ON L30 OR IPIDACRINE
 L44 30 SEA FILE=HCAPLUS ABB=ON PLU=ON L31 OR ZANAPEZIL
 L45 117 SEA FILE=HCAPLUS ABB=ON PLU=ON L32 OR PHENSERINE
 L46 14 SEA FILE=HCAPLUS ABB=ON PLU=ON L33 OR QUILOSTIGMINE
 L47 14 SEA FILE=HCAPLUS ABB=ON PLU=ON L34 OR GANSTIGMINE
 L48 6 SEA FILE=HCAPLUS ABB=ON PLU=ON L35 OR ENSACULIN
 L49 0 SEA FILE=HCAPLUS ABB=ON PLU=ON ENSACULIN+PFT,NT,OLD,NEW/C
 T
 L50 19893 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 OR ACETYLCHOLINE
 ESTERASE
 L51 19535 SEA FILE=HCAPLUS ABB=ON PLU=ON ACETYLCHOLINESTERASE+PFT,N
 T,OLD,NEW/CT
 L52 6 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND ((L37 OR L38 OR
 L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR
 L47 OR L48 OR L49 OR L50 OR L51))
 L53 9 SEA FILE=HCAPLUS ABB=ON PLU=ON L21 OR L22 OR L25 OR L26
 OR L52
 L70 1013 SEA FILE=HCAPLUS ABB=ON PLU=ON NAKADA, Y?/AU
 L71 4399 SEA FILE=HCAPLUS ABB=ON PLU=ON NAKAGAWA, M?/AU
 L72 4294 SEA FILE=HCAPLUS ABB=ON PLU=ON ONO, S?/AU
 L76 5 SEA FILE=HCAPLUS ABB=ON PLU=ON (L70 OR L71 OR L72) AND
 L53
 L77 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L53 NOT L76
 L118 3 SEA FILE=HCAPLUS ABB=ON PLU=ON L6 AND (ACETYLCHOLINE
 ESTERAS? OR ACETYLCHOLINEESTERAS?)
 L119 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L118 NOT L76
 L120 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L77 OR L119

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L1 SCR 1707
 L2 SCR 1607 OR 1609
 L3 SCR 1297
 L4 SCR 1842 OR 2040 OR 1918
 L5 STR



REP G1=(1-5) CH2
 REP G2=(1-6) CH2
 VAR G3=H/OH
 NODE ATTRIBUTES:
 NSPEC IS RC AT 6
 NSPEC IS RC AT 8
 NSPEC IS RC AT 9
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 9

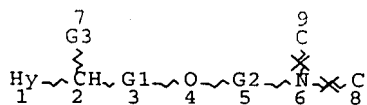
STEREO ATTRIBUTES: NONE

L6 1489 SEA FILE=REGISTRY SSS FUL L5 AND L1 AND L2 AND L3 NOT L4
 L7 1 SEA FILE=REGISTRY ABB=ON PLU=ON DONEPEZIL/CN
 L8 1 SEA FILE=REGISTRY ABB=ON PLU=ON TACRINE/CN
 L9 1 SEA FILE=REGISTRY ABB=ON PLU=ON 519187-23-6/RN
 L10 8 SEA FILE=REGISTRY ABB=ON PLU=ON 519187-23-6/CRN
 L17 637 SEA FILE=HCAPLUS ABB=ON PLU=ON L6
 L20 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 OR L10
 L23 753 SEA FILE=HCAPLUS ABB=ON PLU=ON DONEPEZIL+PFT,NT,OLD,NEW/C
 T
 L24 1373 SEA FILE=HCAPLUS ABB=ON PLU=ON TACRINE+PFT,NT,NEW,OLD/CT

 L25 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND (L23 OR L24)
 L26 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND (L23 OR L24)
 L27 1 SEA FILE=REGISTRY ABB=ON PLU=ON RIVASTIGMINE/CN
 L28 1 SEA FILE=REGISTRY ABB=ON PLU=ON GALANTHAMINE/CN
 L29 1 SEA FILE=REGISTRY ABB=ON PLU=ON HUPERZINE/CN
 L30 1 SEA FILE=REGISTRY ABB=ON PLU=ON IPIDACRINE/CN
 L31 1 SEA FILE=REGISTRY ABB=ON PLU=ON ZANAPEZIL/CN
 L32 1 SEA FILE=REGISTRY ABB=ON PLU=ON PHENSERINE/CN
 L33 1 SEA FILE=REGISTRY ABB=ON PLU=ON QUILOSTIGMINE/CN
 L34 1 SEA FILE=REGISTRY ABB=ON PLU=ON GANSTIGMINE/CN
 L35 1 SEA FILE=REGISTRY ABB=ON PLU=ON ENSACULIN/CN
 L55 1 SEA FILE=REGISTRY ABB=ON PLU=ON L6 AND MEDLINE/LC
 L59 6 SEA FILE=REGISTRY ABB=ON PLU=ON L7 OR L8 OR (L25 OR L26
 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR L34 OR
 L35) AND MEDLINE/LC
 L67 29 SEA FILE=MEDLINE ABB=ON PLU=ON L55
 L68 2307 SEA FILE=MEDLINE ABB=ON PLU=ON L59
 L69 1 SEA FILE=MEDLINE ABB=ON PLU=ON L67 AND L68
 L78 171 SEA FILE=MEDLINE ABB=ON PLU=ON NAKADA, Y?/AU
 L79 2042 SEA FILE=MEDLINE ABB=ON PLU=ON NAKAGAWA, M?/AU
 L80 1358 SEA FILE=MEDLINE ABB=ON PLU=ON ONO, S?/AU
 L81 1 SEA FILE=MEDLINE ABB=ON PLU=ON (L78 OR L79 OR L80) AND
 L69
 L93 14 SEA FILE=MEDLINE ABB=ON PLU=ON L67 AND ACETYLCHOLINE
 ESTERAS? OR ACETYLCHOLINEESTERAS?
 L94 8 SEA FILE=MEDLINE ABB=ON PLU=ON L93 AND (PD OR TU OR
 DE)/CT
 L95 8 SEA FILE=MEDLINE ABB=ON PLU=ON L94 NOT L81

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L1 SCR 1707
 L2 SCR 1607 OR 1609
 L3 SCR 1297
 L4 SCR 1842 OR 2040 OR 1918
 L5 STR



REP G1=(1-5) CH2

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	45	514/210.19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/21 14:55
L3	1123	514/315	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/21 14:55